

TRIBOLOGIK® NEWSLETTER

Your Equipment's Best Friend! www.tribologik.com

May 2012

In this issue:

- [ISO/IEC 17025:2005 Certification Confirms the High Quality of PMC's Oil Testing Services](#)

ISO/IEC 17025:2005 Certification Confirms the High Quality of PMC's Oil Testing Services

Being ISO/IEC 17025:2005 certified, PMC and Tribologik Corporation, our US affiliate, are holding the most demanding international quality certification for a laboratory.

According to the International Standard Organisation, ISO/IEC17025:2005 specifies the general requirements for competency to carry out tests and/or calibrations, including sampling. It covers testing and certifies that they comply with the highest international standards.

In addition to ISO 17025: 2005, PMC is also ISO 9001:2008 certified. This standard deals with the quality management of our business processes.

Therefore, these two standards are complementary and confirm both the quality of the management and technical services that we are providing to our customers.

Formal Recognition of Quality and Technical Competence



The ISO/IEC 17025 standard specifically addresses factors relevant to a laboratory's ability to produce precise, accurate test and calibration data, including:

- Technical Competency of Staff
- Validity and Appropriateness of Measurement Methods
- Traceability of Measurement and Calibration to National Standards
- Appropriate Application and Measurement Uncertainty
- Suitability, Calibration, and Maintenance of Test Equipment
- The Testing Environment
- Sampling, Handling, and Transportation of Test Items
- Quality Assurance of Test, Inspection, or Calibration Data

ISO/IEC 17025:2005 is applicable to all laboratories regardless of the number of personnel or the extent of the scope of testing and/or calibration activities. It covers many items but the two main sections in ISO/IEC 17025 are Management Requirements and Technical Requirements.

- **Management requirements** are primarily related to the operation and effectiveness of the quality management system within the laboratory. In this respect, ISO/IEC 17025: 2005 confirms the reliability of our dual quality control system, standard and duplicate (see our website for more information). This system was a prerequisite to certification and it is totally compliant with the requirements of the standard.
- **Technical requirements** include factors which determine the correctness and reliability of the tests and calibrations performed in the laboratory. The qualifications and competence of our chemists and lab technicians have thus been acknowledged by the ISO auditors and hence the reliability of our lubricant analyses, testing methods (e.g.: ASTM) and instrument calibration.

ISO is the acronym for International Standard Organisation. Located in Switzerland (Geneva), its membership consists of 163 countries on five continents, including Canada and the USA.

In this context, the ISO certification procedure is strictly regulated. Training on testing methods is mandatory for all laboratory employees and the curriculum is very demanding.

These are the main reasons why a majority of international customers require that their lab be certified under ISO/IEC 17025: 2005 as a condition for testing their lubricants.

info@tribologik.com

Tribologik® is a registered trade mark of Predictive Maintenance Corporation